

JUSTIFICATION FOR SOLE SOURCE AND/OR URGENT PURCHASE (OVER \$100,000)

FISCPS 4200/64 (REV. 02/11/10)

COMPLETE THIS FORM IN ITS ENTIRETY, EVEN IF THE RESPONSE IS "NOT APPLICABLE".

1. **PUGET SOUND NAVAL SHIPYARD**
SSN 21 CLASS FOR S-SYSTEM BARGE

2. **DESCRIPTION OF CONTRACT ACTION.**

- a. State if procurement is:
- (1) Urgent Competitive (not sole source)
 - (2) Non-Urgent Sole Source
 - (3) Urgent Sole Source

Note: Dealer competition (different dealers offering the product of the *same manufacturer*) is sole source.

- b. For urgent, non-sole source requirements, provide the name, address, and phone/fax numbers of all known providers of the required product, preferably a minimum of three manufacturers. (Although the contracting office maintains a list of sources, it is best to provide sources you know can provide what is needed so that valuable time is not wasted in soliciting and evaluating offers from companies who cannot meet your needs.)
- c. For sole source requests, provide the contractor name, point of contact, address and phone/fax numbers. If a sole source manufacturer distributes via dealers, provide dealer information here.

(a) Procurement is (2) ~~Non-Urgent~~ Sole Source

(b) N/A

(c) Teledyne RD Instruments

14020 Stowe Drive

Poway, CA 92064

(858)842-2690

POC: Marc Sherman

3. **DESCRIPTION OF SUPPLIES/SERVICES, ESTIMATED DOLLAR VALUE AND DELIVERY REQUIREMENTS.** Give a short description of the item or service required, the estimated cost, and required delivery date. (Sole source and urgency information is not needed here).

PROCURE 1 EACH CUSTOM OSII150 ADCP DVL SENSOR AND 1 EACH CUSTOM LOW RADIATION REDUCTION FILTER. THE TOTAL COST IS \$ [REDACTED] THE REQUIRED DELIVERY DATE IS NLT 07/29/2011, WHICH IS NEEDED TO SUPPORT THE START OF INTEGRATION TESTING.

PROCURE 1 EACH WHM1200K3 CUSTOM WORK HORSE MONITOR ADCP WITH HIGH SPEED SAMPLING MODE 12. COST = \$ [REDACTED] REQUIRED DELIVERY DATE IS 07/29/2011.

4. EXPLANATION OF URGENT AND/OR SOLE SOURCE CIRCUMSTANCES.

Keep in mind:

- Lack of planning does not support urgency.
- Expiring funds/late release of funds does not support urgency
- Only the government's immediate minimum quantity requirement can be purchased under urgency.

a. For Urgent Non-Sole Source Requirements:

- (1) Provide a time line from when the need was identified. If a late identified item, explain why.
- (2) Identify manufacturing lead time.
- (3) Explain why the item is needed and what will happen if it's not received by the Required Delivery Date (RDD). Describe impact on overhaul/availability schedules, impact to base support, personnel safety issues, potential environmental damages, etc., and include the dollar value associated with late delivery.

b. For Non-Urgent Sole Source Requirements:

- (1) Explain the unique features/function of the item and why only one manufacturer can provide it. Discuss why a similar product from another manufacturer will not work.
- (2) If the item can only be obtained from the OEM (Original Equipment Manufacturer), discuss the proprietary (i.e. owned by the company, not for public release) design/drawing/specification requirements. Include a statement from the OEM that the proprietary information will not be released to the government.
- (3) If there is a higher order requirement mandating a particular manufacturer (i.e. NAVSEA drawing or IRPOD), cite the requirement and who approved or required its usage.
- (4) For component repair or replacement parts, explain any compatibility requirements, including a description of the existing equipment and the interface requirements.

c. For Urgent Sole Source Requirements:

- (1) Provide both the Urgency and Sole Source information requested above.

THE DVL SENSOR, WITH THE RADIATION REDUCTION FILTER, WILL REPLACE THE EXISTING SENSOR IN FORM, FIT AND FUNCTION. IT IS NEEDED TO PROVIDE NAVIGATION INFORMATION WHICH IS REQUIRED FOR THE PLATFORM TO PERFORM ITS MISSION. A TEMPALT, WHICH PSNS IS DEVELOPING, WILL INSTALL THE DVL ON A SECOND PLATFORM DURING 2012 AVAILABILITIES. FOR THESE REASONS, THE DVL IS UNDER CONFIGURATION CONTROL AND IS NON-DEVIATIONAL. ANY CHANGE WOULD REQUIRE EXTREMELY TIME CONSUMING AND COSTLY REWORK IN ORDER TO MAKE THE SYSTEM FUNCTIONAL AND READY FOR INSTALLATION IN 2012. DRAWINGS HAVE BEEN PREPARED FOR A TEMPALT ON THE SSN688I CLASS SUBMARINE AND ARE NON-DEVIATIONAL. SYSTEM LEVEL FOUNDATION DRAWINGS HAVE BEEN PREPARED BASED ON THE USE OF THIS DVL. THERE IS NO OTHER COMMERCIALY AVAILABLE DVL ON THE MARKET WHICH COULD BE SUBSTITUTED AND STILL INTERFACE WITH EXISTING SOFTWARE AND COMPLETE THE INTENDED FUNCTIONS OF THE UNIT. ANY OTHER DVL WOULD ALSO BE A CONFIGURATION CHANGE TO THE DVL SYSTEM.

THE ADCP SENSOR WILL REPLACE THE EXISTING SENSOR IN FORM, FIT AND FUNCTION. IT IS NEEDED TO PROVIDE WAVE AND CURRENT INFORMATION REQUIRED FOR THE PLATFORM TO PERFORM ITS MISSION. NO OTHER KNOWN ADCP PROVIDES THE PRECISION AND FORMAT OF WAVE AND CURRENT DATA NEEDED FOR THE SYSTEM BEING INSTALLED. FOR THIS REASON, THE ADCP IS UNDER CONFIGURATION CONTROL AND IS NON-DEVIATIONAL. ANY CHANGE WOULD REQUIRE EXTREMELY

TIME CONSUMING AND COSTLY REWORK IN ORDER TO MAKE THE SYSTEM FUNCTIONAL AND READY FOR INSTALLATION IN 2012. THE ADCP UNIT IS NEARLY IDENTICAL TO OTHER TELEDYNE RD INSTRUMENT ADCPS CURRENTLY IN SERVICE ON NAVY PLATFORMS FOR SIMILAR SYSTEMS. SYSTEM LEVEL ELECTRICAL DRAWINGS AND STRUCTURAL FOUNDATION DRAWINGS ARE BEING PREPARED BASED ON THIS PARTICULAR ADCP. IMPACTED STRUCTURAL DRAWINGS ARE 53711-180-7591123 AND 53711-180-7591124. ADDITIONALLY, SYSTEM LEVEL FOUNDATION DRAWINGS HAVE BEEN PREPARED BASED ON THE USE OF THIS ADCP. THERE IS NO OTHER COMMERCIALY AVAILABLE ADCP ON THE MARKET WHICH COULD BE SUBSTITUTED AND STILL INTERFACE WITH EXISTING SOFTWARE AND COMPLETE THE INTENDED FUNCTIONS OF THE UNIT.

Per Ocean Engineering Code 122.2. Item is required NLT 7/29/11
to support operational testing to begin 8/1/11. Long lead time
item. Expediting fees authorized & approved

 Contracting Officer

5. **MARKET SURVEY.** A market survey is simply finding out which companies can provide what you're looking for, whether by searching for sources over the internet, reviewing product literature, or contacting sources over the phone.

- a. Describe any market survey conducted. Include companies contacted and the information they provided that confirmed the urgent/sole source requirement.
- b. If sole source is based on proprietary data, a statement to that effect is all that is required in response to this block.

AN INTERNET SEARCH OF THESE COMPONENTS RESULTED IN NO COMPANIES THAT PROVIDE THE NECESSARY SPECIFICATIONS FOR THESE DEVICES THAT MEET THE REQUIREMENTS FOR THE APPLICATION.

THE ADCP AND THE DVL, WHICH INCLUDES THE HARDWARE COMPONENTS, THE CIRCUIT CARDS, THE OPERATING SOFTWARE, AND THE FIRMWARE, IS OF PROPRIETARY DESIGN AND IS ALSO HIGHLY COMPLEX IN ITS DESIGN. THE MANUFACTURER WILL NOT RELEASE THE DESIGN OF THE DVL TO THE GOVERNMENT FOR THESE REASONS.

6. **ADDITIONAL FACTS.** This applies primarily to sole source requirements, but any additional information supporting urgency not previously addressed elsewhere in the document can be included in this section.

- a. State the cost to the government to develop competitive and/or performance based specifications for the proprietary item. Include estimated labor categories and estimated labor hours spent in reverse engineering and time spent in generating and approving the drawings and/or specifications.
- b. If it is impossible for the government to develop competitive and/or performance based specifications, state that and indicate why.

TO DEVELOP A COMPETITIVE SPECIFICATION WOULD COST IN EXCESS OF \$200,000.

7. **FUTURE COMPETITION.** Provide information on the steps you are taking to insure that the next time you need the item, it will not be an urgent or sole source procurement.

FUTURE PROCUREMENTS WILL BE WELL KNOWN IN ADVANCE SO AS NOT TO REQUIRE AN URGENCY STATEMENT. THE ADCP AND THE DVL, WHICH INCLUDES THE HARDWARE COMPONENTS, THE CIRCUIT CARDS, THE OPERATING SOFTWARE, AND THE FIRMWARE, IS OF PROPRIETARY DESIGN AND IS ALSO HIGHLY COMPLEX IN ITS DESIGN. THE MANUFACTURER WILL NOT RELEASE THE DESIGN OF THE DVL TO THE GOVERNMENT FOR THESE REASONS. HOWEVER IN THE FUTURE MARKET RESEARCH WILL BE ACCOMPLISHED IN AN EFFORT TO DISCOVER NEW SOURCES FOR PROCUREMENT.

8. **INFORMATION TECHNOLOGY (IT) APPROVALS.** This only applies to procurements for IT equipment (i.e. computers, printers, modems, etc.) The contract specialist will assist in identifying the documentation requirements.

N/A

JUSTIFICATION FOR SOLE SOURCE AND/OR URGENT PURCHASE (OVER \$100,000)

FISCPS 4200/64 (REV. 02/11/10)

CERTIFICATIONS**TECHNICAL / REQUIREMENTS CERTIFICATION**

I certify that the facts and representations under my cognizance which are included in this justification and its supporting acquisition planning documents, except as noted herein, are complete and accurate to the best of my knowledge and belief and do not contain classified information.	
Technical Cognizance	
Name (Printed) [REDACTED]	Phone [REDACTED]
Signature [REDACTED]	Date 3/24/2011
Requirements Cognizance	
Name (Printed) [REDACTED]	Phone [REDACTED]
Signature [REDACTED]	Date 3/18/2011

(Note that this page includes certification that the acquisition planning documents are complete and accurate.)

(If a single individual has cognizance over both technical and requirements information included in this Justification the individual may sign both signature blocks.)

REQUIRING ACTIVITY COMPETITION ADVOCATE (Review required if such an individual has been assigned by the requiring activity.)	
Name (Printed) [REDACTED]	Phone [REDACTED]
Signature [REDACTED]	Date 3/24/2011